

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033013.D
 Acq On : 18 Dec 2018 2:27
 Operator : SY/AP
 Sample : J6444-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-02DL

Manual Integrations
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Quant Time: Dec 19 15:50:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1238274	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2996010	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2773799	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2372805	11.58	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	115.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.06	41	141360m	3.812	ppbv	
13) Ethanol	3.66	45	97336m	7.624	ppbv	
15) Acetone	3.91	43	154864m	1.457	ppbv	
26) Hexane	5.78	57	34124	0.294	ppbv #	47
53) Toluene	9.95	91	3125507	13.373	ppbv	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

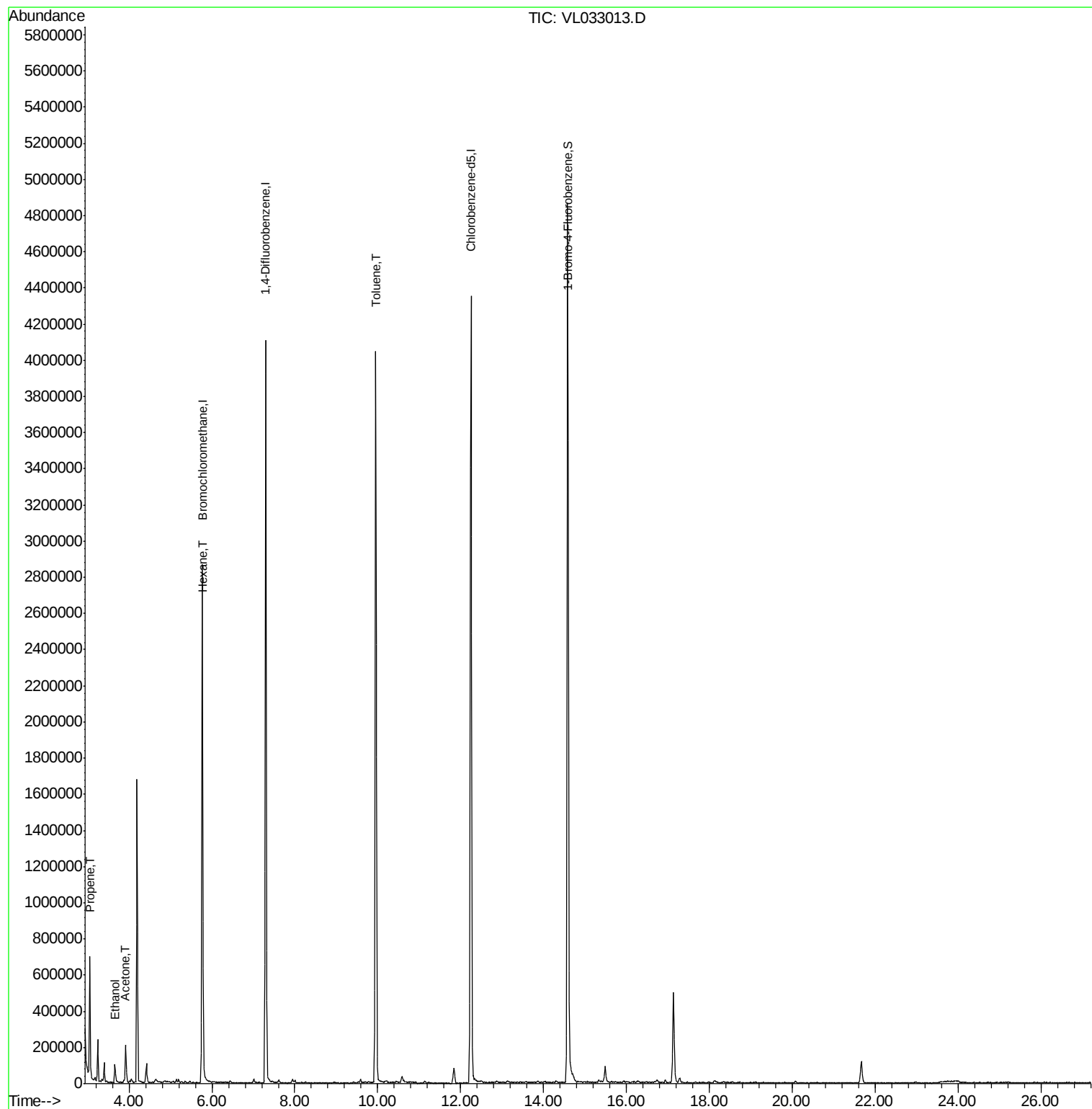
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL121718\
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Quant Time: Dec 19 15:50:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL033013.D

Acq: 18 Dec 2018 2:27

Instrument :

MSVOA_L

ClientSampleId :

YT-CBA-LTM5-02DL

Tot Ion: 49 Resp: 1238274

Ion Ratio Lower Upper

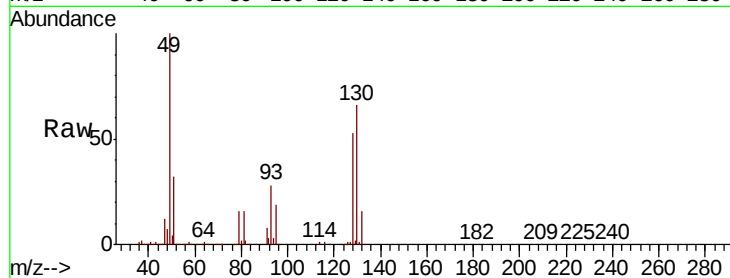
49 100

128 53.3 26.3 78.8

130 67.7 33.9 101.7

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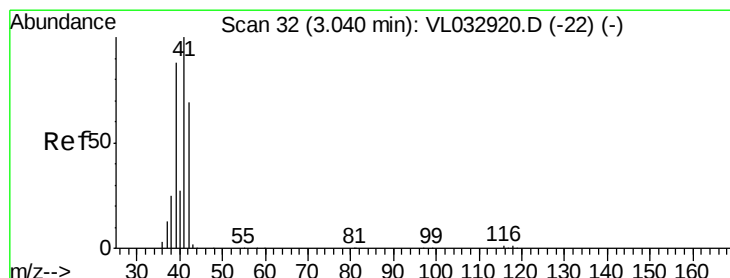
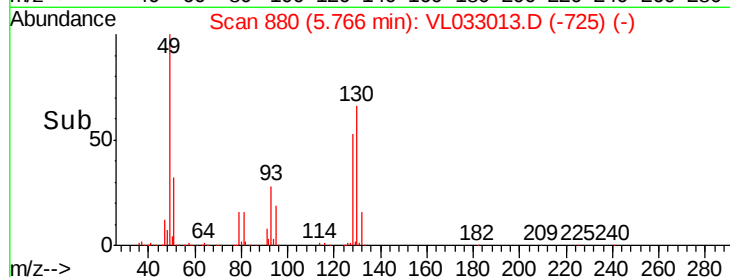
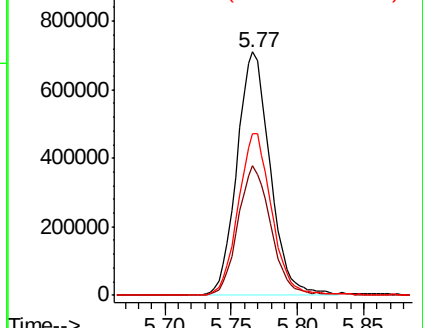
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 3.812 ppbv m

RT: 3.06 min Scan# 37

Delta R.T. 0.02 min

Lab File: VL033013.D

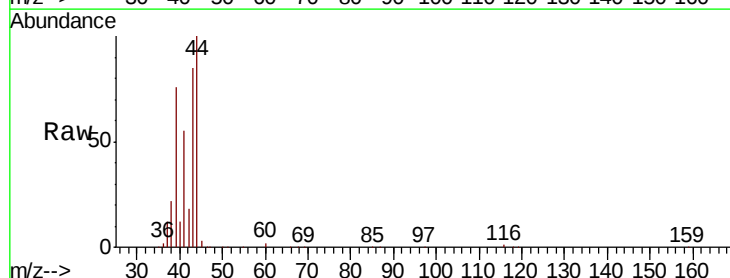
Acq: 18 Dec 2018 2:27

Tgt Ion: 41 Resp: 141360

Ion Ratio Lower Upper

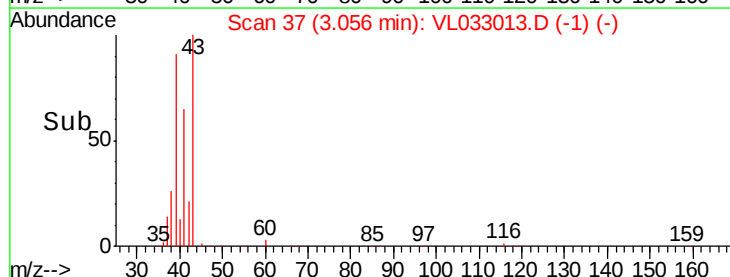
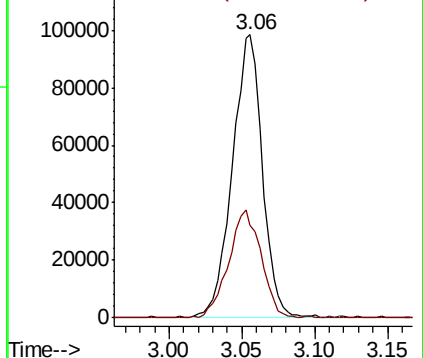
41 100

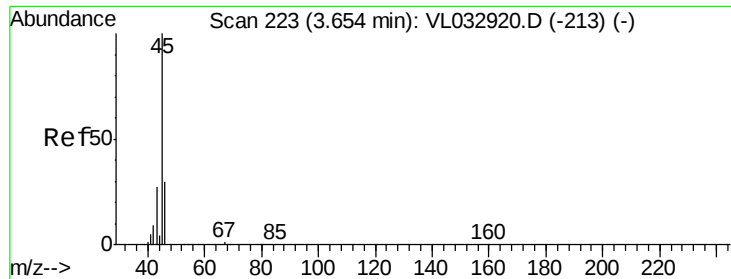
42 30.5 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





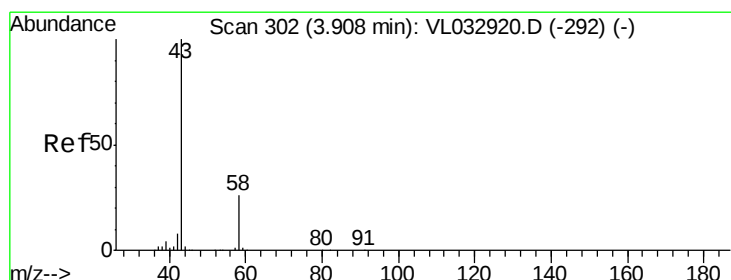
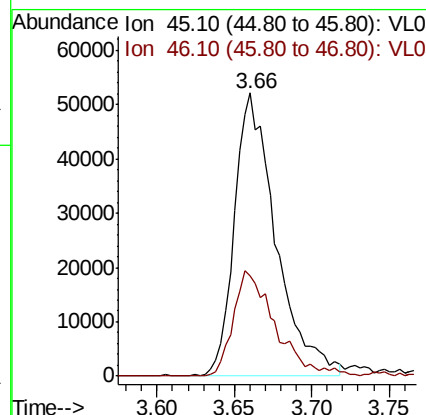
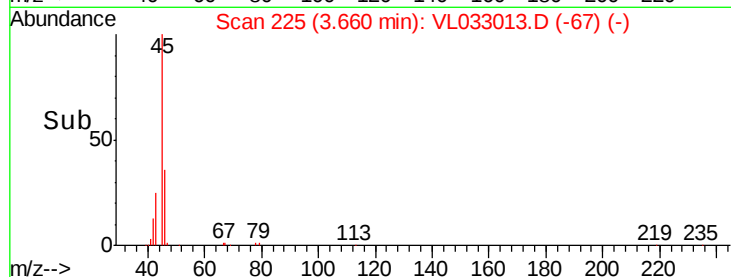
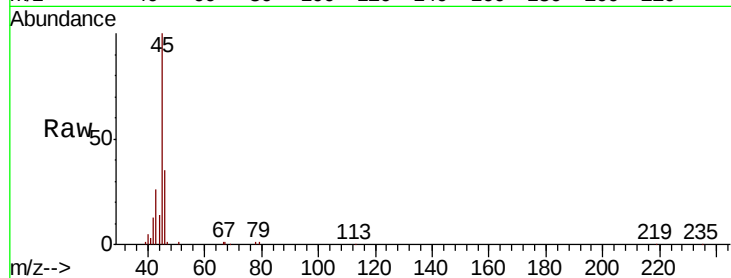
#13
Ethanol
Concen: 7.624 ppbv m
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL033013.D
Acq: 18 Dec 2018 2:27

Instrument :
MSVOA_L
ClientSampleId :
YT-CBA-LTM5-02DL

Tot Ion	45	Resp	97336
Ion Ratio	100	Lower	Upper
45	100		
46	37.5	13.8	55.4

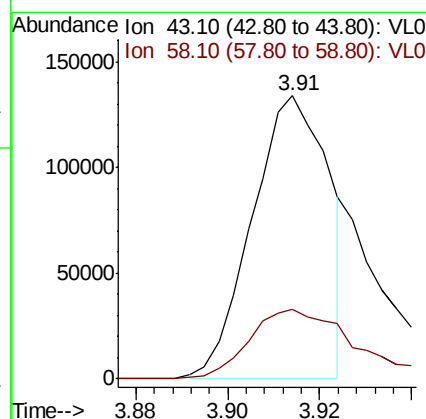
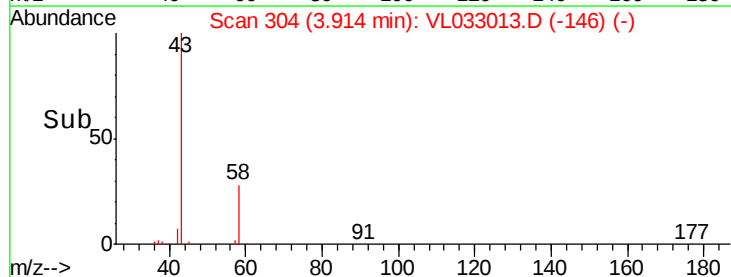
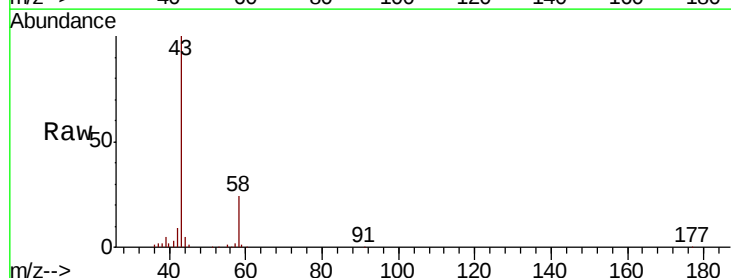
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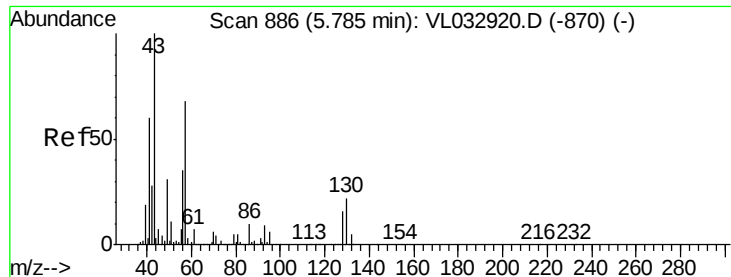
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#15
Acetone
Concen: 1.457 ppbv m
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL033013.D
Acq: 18 Dec 2018 2:27

Tgt Ion	43	Resp	154864
Ion Ratio	100	Lower	Upper
43	100		
58	35.0	20.6	30.8#





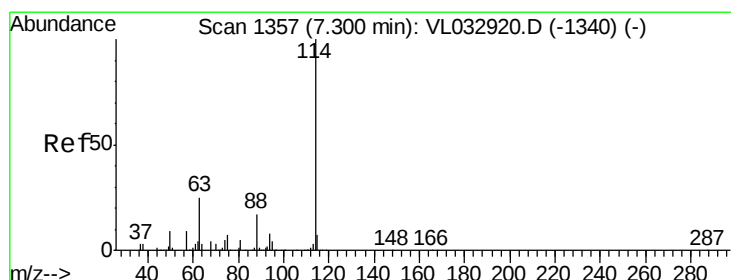
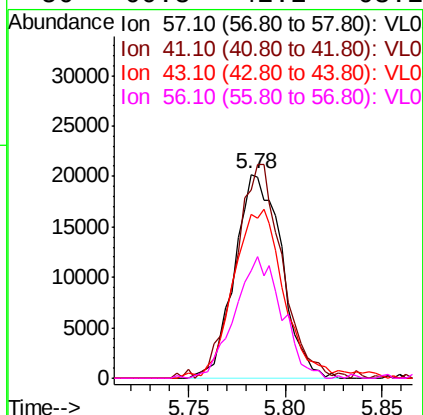
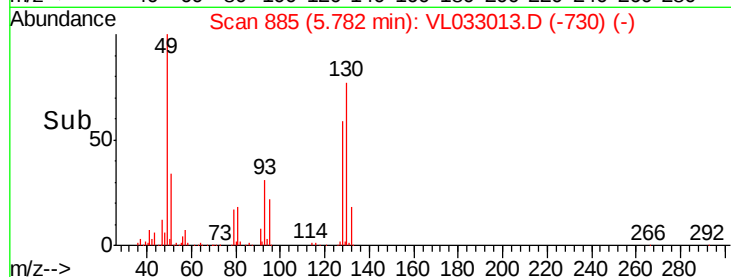
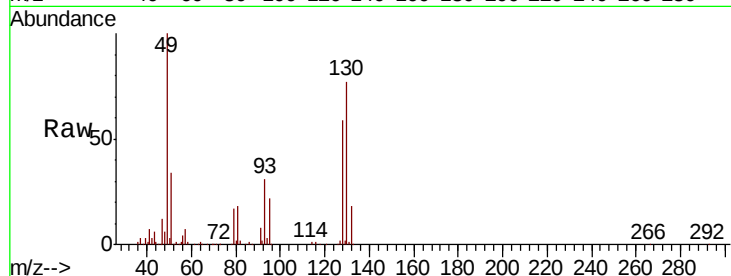
#26
Hexane
Concen: 0.294 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL033013.D
Acq: 18 Dec 2018 2:27

Instrument :
MSVOA_L
ClientSampleId :
YT-CBA-LTM5-02DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	104.7	72.2	108.2
43	91.0	171.9	257.9#
56	60.8	42.2	63.2

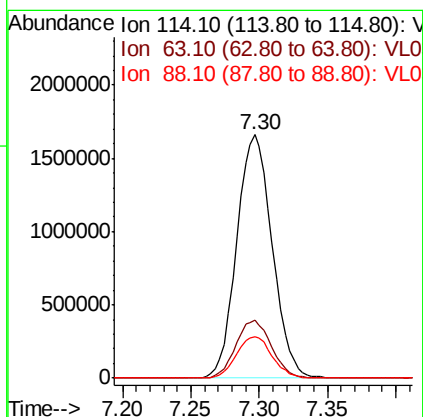
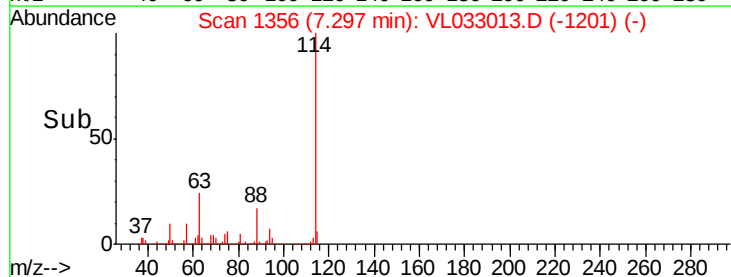
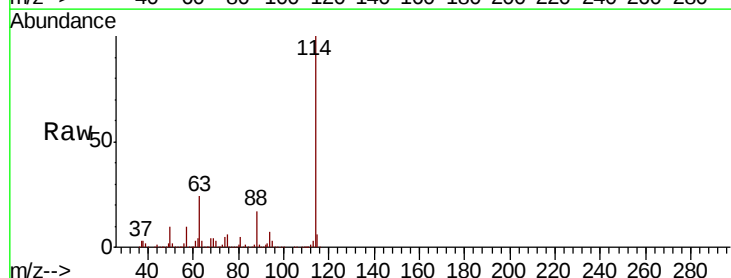
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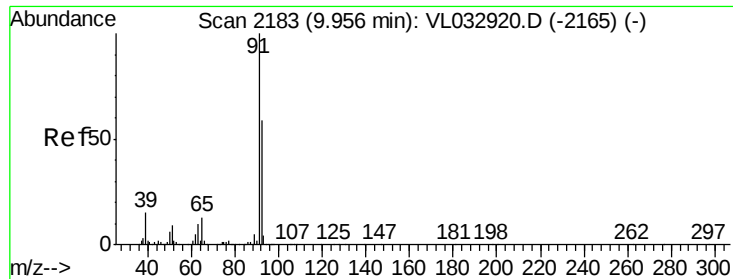
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL033013.D
Acq: 18 Dec 2018 2:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.8	20.1	30.1
88	17.2	14.2	21.4





#53

Toluene

Concen: 13.373 ppbv

RT: 9.95 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL033013.D

Acq: 18 Dec 2018 2:27

Instrument :

MSVOA_L

ClientSampleId :

YT-CBA-LTM5-02DL

Tot Ion: 91 Resp: 3125507

Ion Ratio Lower Upper

91 100

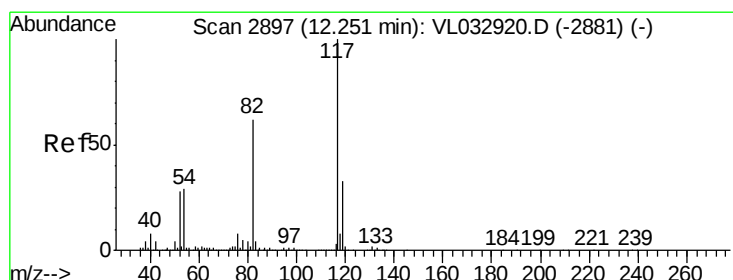
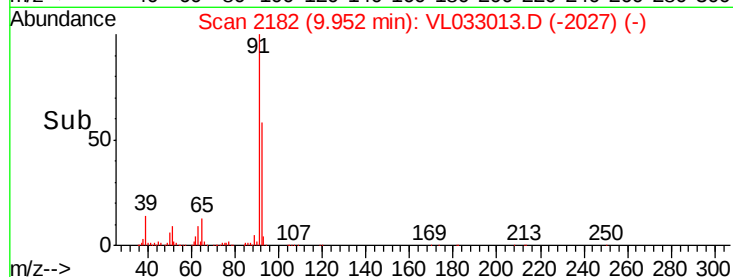
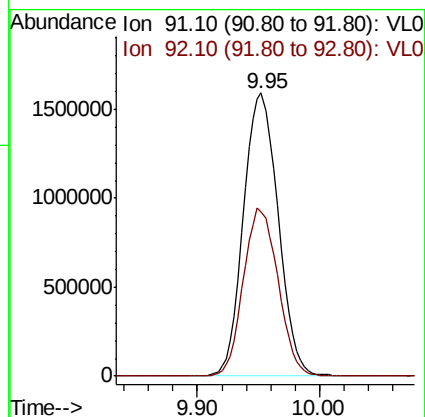
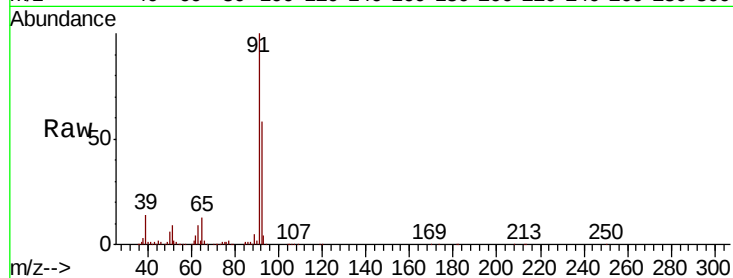
92 59.5 47.4 71.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VL033013.D

Acq: 18 Dec 2018 2:27

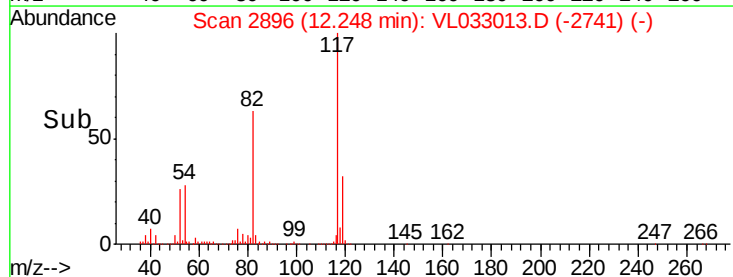
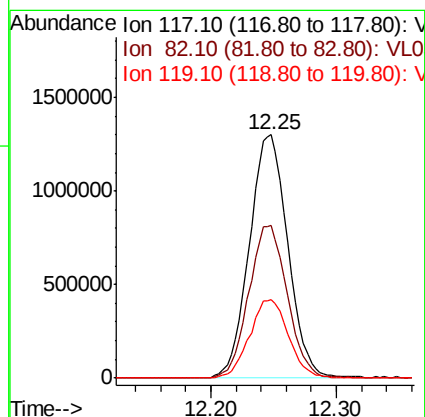
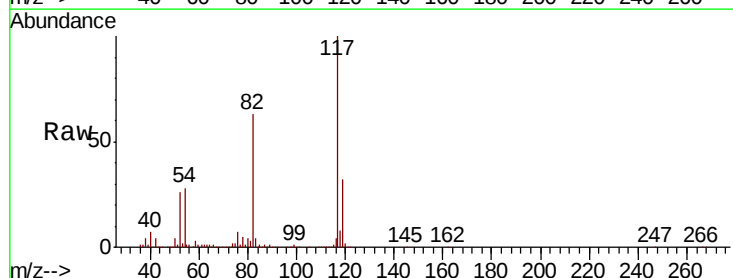
Tgt Ion: 117 Resp: 2773799

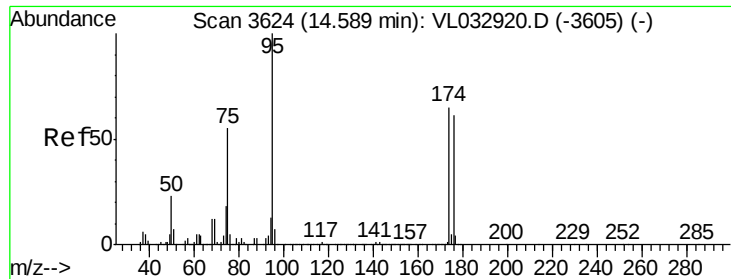
Ion Ratio Lower Upper

117 100

82 63.0 47.8 71.8

119 32.7 43.1 64.7#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.579 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL033013.D
 Acq: 18 Dec 2018 2:27

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-02DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.3	51.4	77.0
175	4.8	3.8	5.6

Manual Integrations
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